

Warm-up

1) 150 pages in 40 min

2) 27 slices in 3 pizzas

3) 140 mi/h = _____ mi/min

Box and Whisker Plots

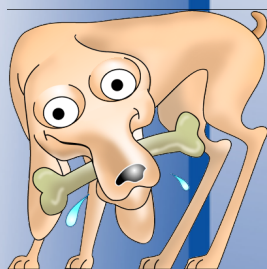


What is that???





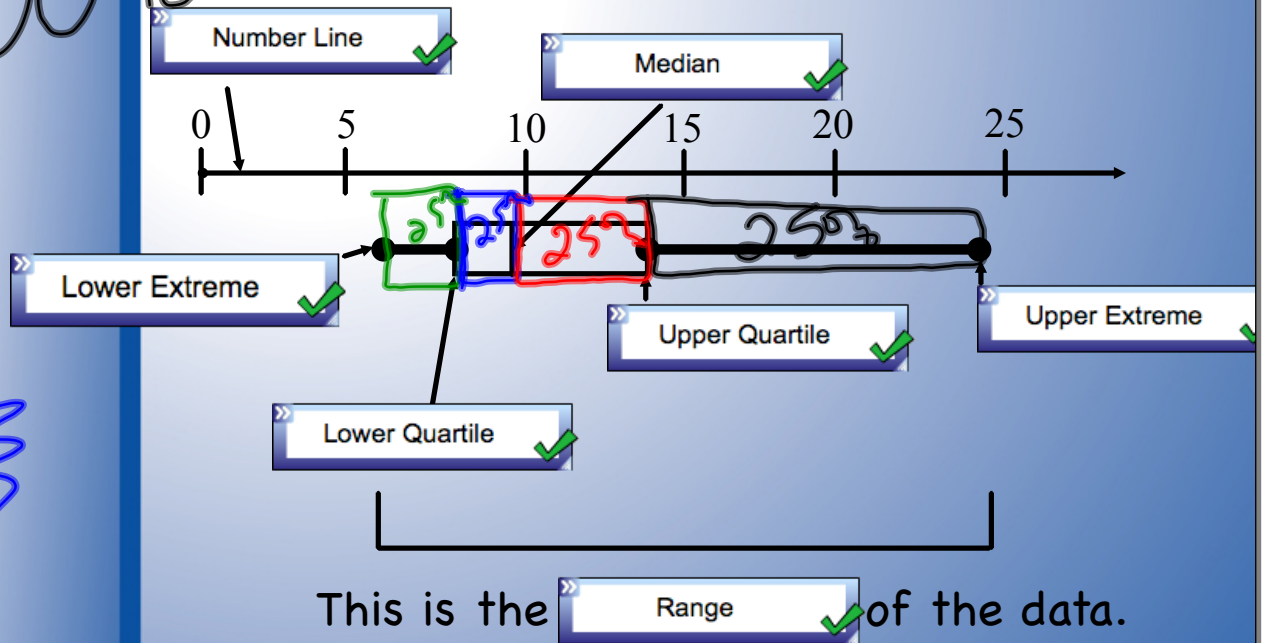
Intro. . .



Parts of a Box and Whisker Plot

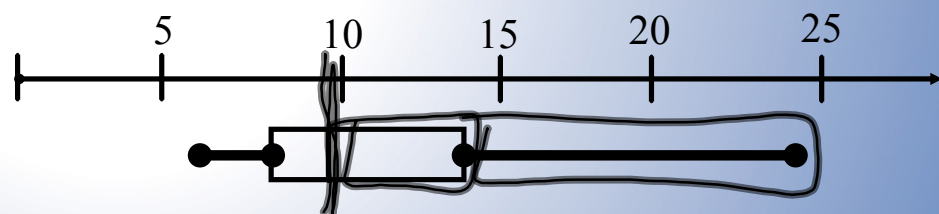
The Number of Minutes Spent on Math Homework Last Night

100%



Percentages of a Box and Whisker Plot:

The Number of Minutes Spent on Math Homework Last Night



1. What percent of students spent less than 24 minutes on math homework?
2. What percent of students spent between 6 and 8 minutes of homework?
3. What percent of students spent 9 minutes or more on math homework?

25%
50%
75%

The image shows a software window with a purple border and a white background. At the top left, there are two buttons: "Edit" and "Reset". At the top right, there is a circular button with a question mark. The main area of the window contains the text "To get data for a BOX and WISKER Plot:" in a large, bold, purple font. Below this text, there is a list of five numbered steps, each represented by a purple circle with a white number inside. The first step is "1 Put data in order". The other steps are "2", "3", "4", and "5", but they do not have accompanying text. A vertical scrollbar is visible on the right side of the main content area.

Edit Reset

?

To get data for a BOX and WISKER Plot:

- 1 Put data in order
- 2
- 3
- 4
- 5

To Make a Box and Whisker Plot

Edit

Reset

?

To Make a Box and Whisker Plot

1

2

3

4

5

To create a BOX and WISKER Plot:

The data below represents how many times families ate at a fast food restaurant over the summer:

0, 0, 2, 3, 5, 5, 6, 7, 9, 9, 9, 12, 13, 20, 21

Create a box and whisker plot:

The following data represents the songs on their Ipod:

12, 25, 37, 55, 79, 88, 91, 101, 123, 175